

REMARKS

The present invention is a method of communicating information, a device for communicating information, and a device communicating compressed information. A method of communicating information in accordance with the invention compares a current list containing a plurality of current items, such as the current item list set forth at the top of pages 20 and 21 of the specification, with a reference list containing a plurality of reference items, such as the reference item list contained at the top of pages 20 and 21 of the specification. A type of classification may be determined based on the comparing of the items of the list. Types of classification may be, for example, transformation case A, transformation case B or transformation case C with the type of determined classification being used to choose different encoding schemes. See page 8, lines 3-21, through page 9, lines 1-2.

The Examiner's allowance of claims 1-18 and 32-38 and the objection to claims 20-23, 30, 31 and 41-48 is noted with appreciation.

Claims 20-30 and 31 stand rejected under 35 U.S.C. §112, second paragraph as being indefinite for failing to particularly point and distinctly claim the subject matter with Applicant regards as the invention. Claim 31 has been amended to refer to "said second entity" which addresses the point raised by the Examiner in the rejection of claims 22, 30 and 31. Specifically the antecedent basis in claim 31, which depends from claim 30, has been clarified. In view of claim 22 being dependent on claim 21 it is appropriate to refer therein to "a first entity to a second entity".

Claims 19, 24, 40 and 49-50 stand rejected under 35 U.S.C. §102 as being anticipated by United States patent 5,864,860 (Holmes). This ground of rejection is traversed for the following reasons.

Independent claim 19 recites:

“A method of communicating comprising:
classifying at least one item of a current list containing a plurality of items by comparing the current list with a reference list containing a plurality of items;
based upon the classifying of the at least one item of the list, forming a compressed list including said at least one item; and
transmitting said compressed list.”

Independent claim 40 recites:

“A device for communicating information, said device comprising:
a processor for classifying at least one item of a current list containing a plurality of items by comparing the current list with a reference list containing a plurality of items and based upon the classifying of the at least one item of the list forming a compressed list including said at least one item; and
a transmitting device for transmitting said compressed list.”

Both claims 19 and 40 recite classifying at least one item of a current list containing a plurality of items by comparing the current list with a reference list containing a plurality of items which is not taught by Holmes. What Holmes teaches is that a data item in a current field of a current record is compared with a data item of corresponding field of a preceding record. If a match occurs, the current data item is replaced by a token indicating the match which is preferably a single character in order to achieve maximum data compression. See column 2, lines 7-67 of Holmes. Claims 19 and 40 have been amended to recite part of claims 20 and 41 that at least one item is classified by comparing the current item list with a reference item list. It is

submitted that Holmes neither anticipates nor render obvious the subject matter of claims 19 and 40.

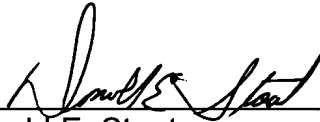
Moreover the Examiner's citation of Svanbro et al. in the rejection of claims 25-29 does not cure the deficiencies noted above. Column 5, line 15- column 8, line 63 of Svanbro et al. refer to the methodology of header and time stamp compression and header decompression and time stamp decompression but do not suggest or render obvious the claimed classification of at least one item of a current list containing a plurality of items by comparing the current list with a reference list containing a plurality of items.

Claims 25-29 stand rejected under 35 U.S.C. §103 as being unpatentable over Holmes in view of Svanbro. Claim 25 recites substantively the compressed list includes information regarding a difference between current item list and a reference item list as recited in claim 24 and encoding the information regarding the difference between the compressed list based on the classifying. Claims 26-29 depend from claim 25. It is submitted that Svanbro does not teach an encoding operation of information regarding the difference between the compressed list based on the classifying. If Examiner persists in the stated grounds of rejection, it is requested that he point out on the record how the subject matter of claim 25 is taught by the combination of Holmes and Svanbro. It is noted that the Examiner has not discussed where the limitation regarding the difference between the compressed list based on the classifying is found in Svanbro.

In view of the foregoing amendments and remarks it is submitted that each of the claims in the application is in condition for allowance.

To the extent necessary, Applicants petition for an extension of time under 37 CFR §1.136. Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account No. 01-2135 (Case No. 0172.39133X00) and please credit any excess fees to such deposit account.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Donald E. Stout", is written over a horizontal line.

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Attachments